OBSERVATIONS & RECOMMENDATIONS

After reviewing data collected from **TODD LAKE** the program coordinators recommend the following actions.

Thank you for carrying out such a diligent sampling regime this season! Consistent data collection allows us to make the most accurate trend analyses possible.

FIGURE INTERPRETATION

- Figure 1: These graphs illustrate concentrations of chlorophyll-a in the water column. Algae are microscopic plants that are a natural part of lake ecosystems. Algae contain chlorophyll-a, a pigment necessary for photosynthesis. A measure of chlorophyll-a can indicate the abundance of algae in a lake. The historical data (the bottom graph) show a *stable* in-lake chlorophyll-a trend. The chlorophyll concentration 'peaked' in July and August this season. The dominant alga in July was *Chrysosphaerella,* a golden-brown alga. The blue-green algae bloom of 1999 did not reoccur, which we are very pleased to report. Mean chlorophyll concentration has remained below the New Hampshire mean reference line for 13 years. This is a good trend we hope will continue for Todd Lake. While algae are present in all lakes, an excess amount of any type is not welcomed. Concentrations can increase when there are external and internal sources of phosphorus, which is the nutrient algae depend upon for growth. It's important to continue the education process and keep residents aware of the sources of phosphorus and how it influences lake quality.

- Figure 2: Water clarity is measured by using a Secchi disk. Clarity, or transparency, can be influenced by such things as algae, sediments from erosion, and natural colors of the water. The graphs on this page show historical and current year data. The lower graph shows a *stable, but slightly improving,* trend in lake transparency. There was a slight dip in transparency in July and August, which correlates with the peaks in chlorophyll concentration. The September result was above the average for New Hampshire lakes, while the mean clarity for the summer remained below the state mean. The 2000 sampling season was considered to be wet and, therefore, average transparency readings are expected to be slightly lower than last year's readings. Higher amounts of rainfall usually

cause more eroding of sediments into the lake and streams, thus decreasing clarity.

- Figure 3: These figures show the amounts of phosphorus in the epilimnion (the upper layer in the lake) and the hypolimnion (the lower layer); the inset graphs show current year data. Phosphorus is the limiting nutrient for plants and algae in New Hampshire waters. Too much phosphorus in a lake can lead to increases in plant growth over time. These graphs show a *fairly stable* trend for in-lake phosphorus levels. The mean phosphorus concentration decreased in both layers of the lake this year. The mean value for the epilimnion was the lowest the lake has ever experienced. The epilimnetic phosphorus concentration peaked in August, which may have been caused by a recent rain event. The hypolimnetic phosphorus concentration was back below the New Hampshire median and was very similar to that seen in 1997. Maintaining these low concentrations will help keep excess algal growth to a minimum. One of the most important approaches to reducing phosphorus levels is educating the public. Humans introduce phosphorus to lakes by several means: fertilizing lawns, septic system failures, and detergents containing phosphates are just a few. Keeping the public aware of ways to reduce the input of phosphorus to lakes means less productivity in the lake. Contact the VLAP coordinator for tips on educating your lake residents or for ideas on testing your watershed for phosphorus inputs.

OTHER COMMENTS

- Conductivity levels were slightly decreased this year throughout the watershed (Table 6). Conductivity was particularly low this year. Conductivity increases often indicate the influence of human activities on surface waters. This decreasing trend is a positive sign. Septic system leachate, agricultural runoff, iron deposits, and road runoff can each influence conductivity readings. We will continue to observe the conductivity levels in the Todd Lake watershed.

- The total phosphorus concentration was also decreased throughout the watershed (Table 8). The largest reductions were observed at Reservoir Brook and Andrew Brook. Reservoir Brook had a maximum concentration in 1999 of 48 µg/L compared to 15 µg/L this year. Andrew Brook had a high reading of 21 µg/L this year compared to the 33 µg/L value from 1999. This is a good sign for the health of the Todd Lake watershed. We hope the decreases will continue.

- Dissolved oxygen was high throughout the water column in July (Table 9). The 5.0-meter reading may have been a result of testing too near the bottom. Shallow ponds are continuously mixed by wind and wave action. This allows for oxygen exchange with the atmosphere.

NOTES

- Monitor's Note (7/26/00): Rainy day, loons present.

USEFUL RESOURCES

The Wetlands Resource, WD-WB-7, NHDES Fact Sheet, (603) 271-3503 or www.state.nh.us

A Brief History of Lakes, NH Lakes Association pamphlet, (603) 226-0299 or www.nhlakes.org

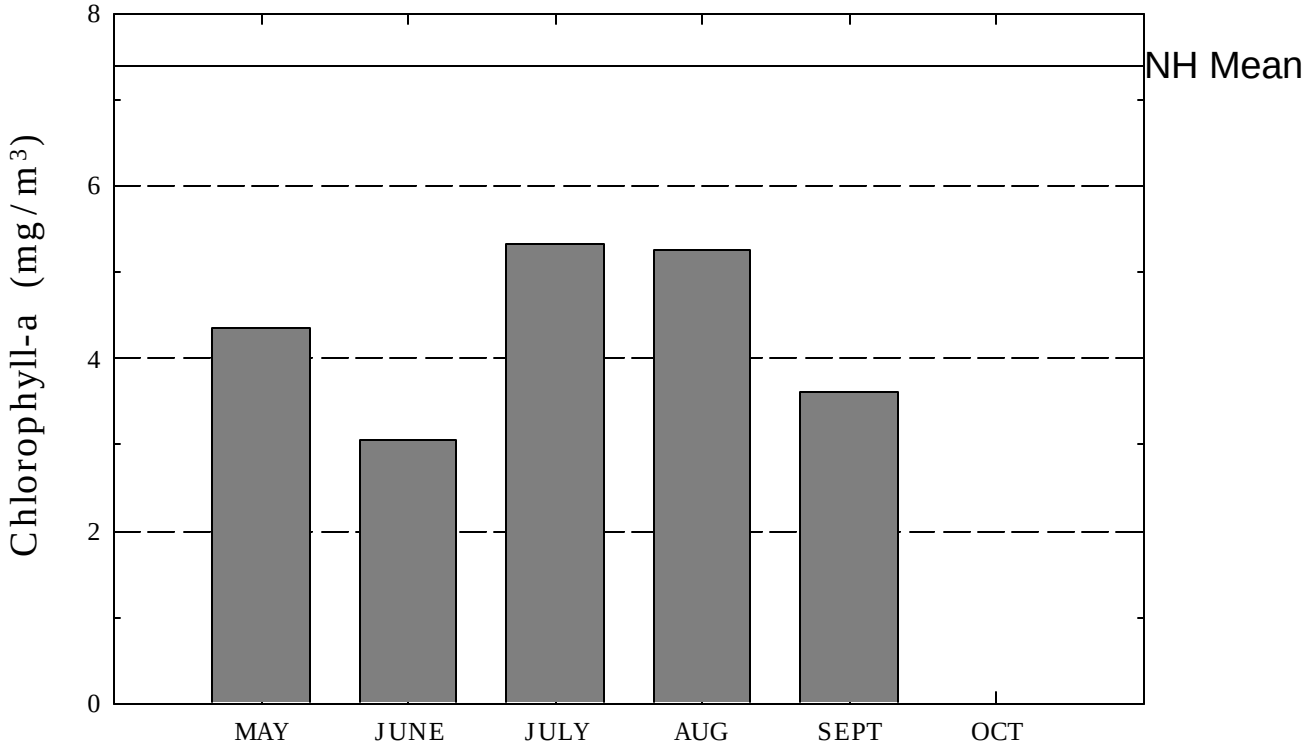
Answers to Common Lake Questions, NHDES-WSPCD-92-12, NHDES Booklet, (603) 271-3503.

Lake Protection Tips: Some Do's and Don'ts for Maintaining Healthy Lakes, WD-BB-9, NHDES Fact Sheet, (603) 271-3503 or www.state.nh.us

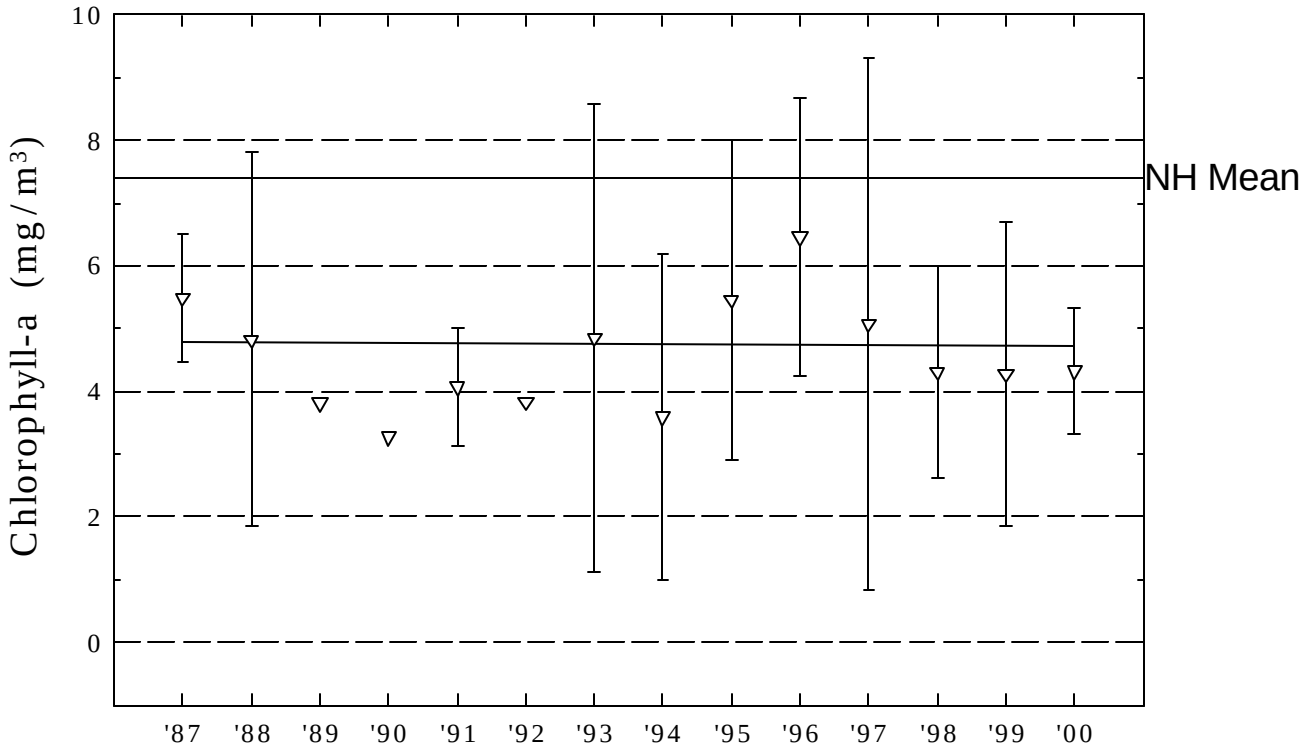
Anthropogenic Phosphorus and New Hampshire Waterbodies, NHDES-WSPCD-95-6, NHDES Booklet, (603) 271-3503

Todd Lake

Figure 1. Monthly and Historical Chlorophyll-a Results



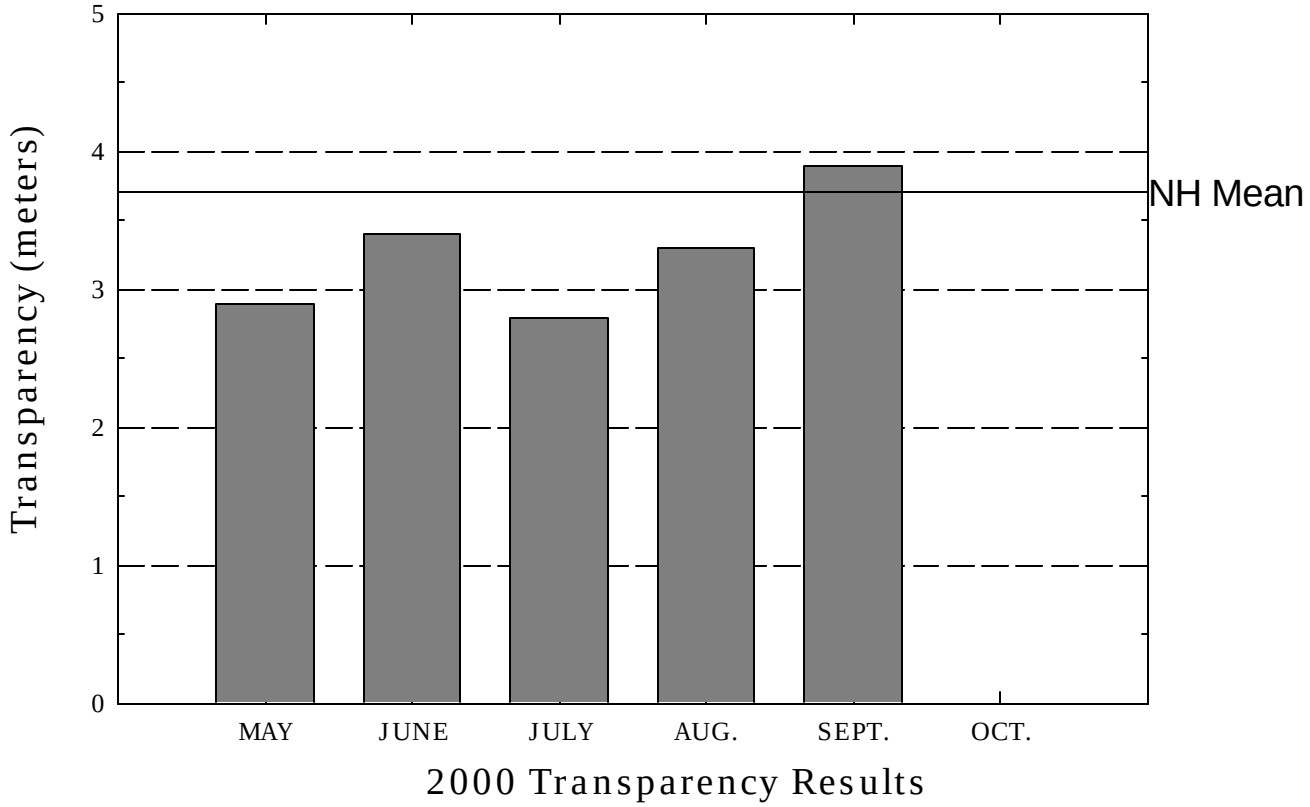
2000 Chlorophyll-a Results

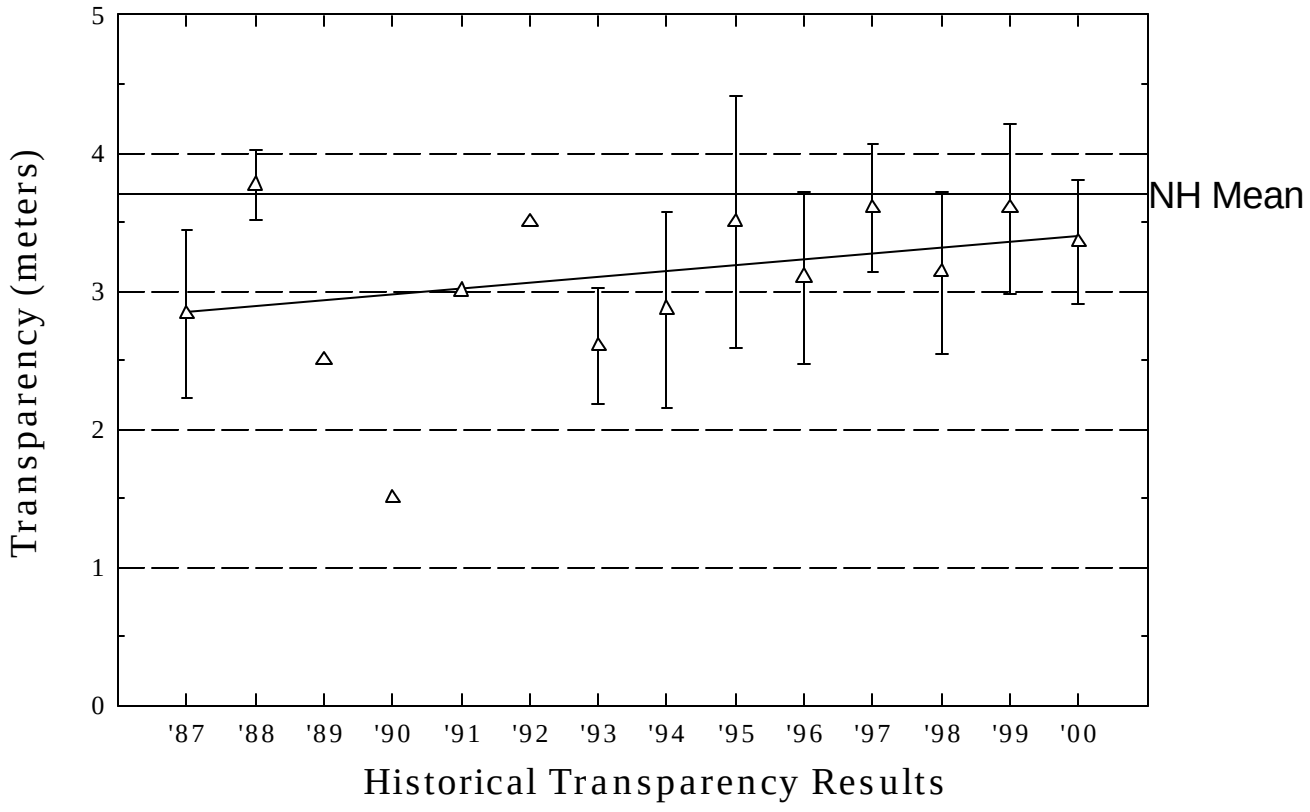


Historical Chlorophyll-a Results

Todd Lake

Figure 2. Monthly and Historical Transparency Results





Todd Lake

Figure 3. Monthly and Historical Total Phosphorus Data.

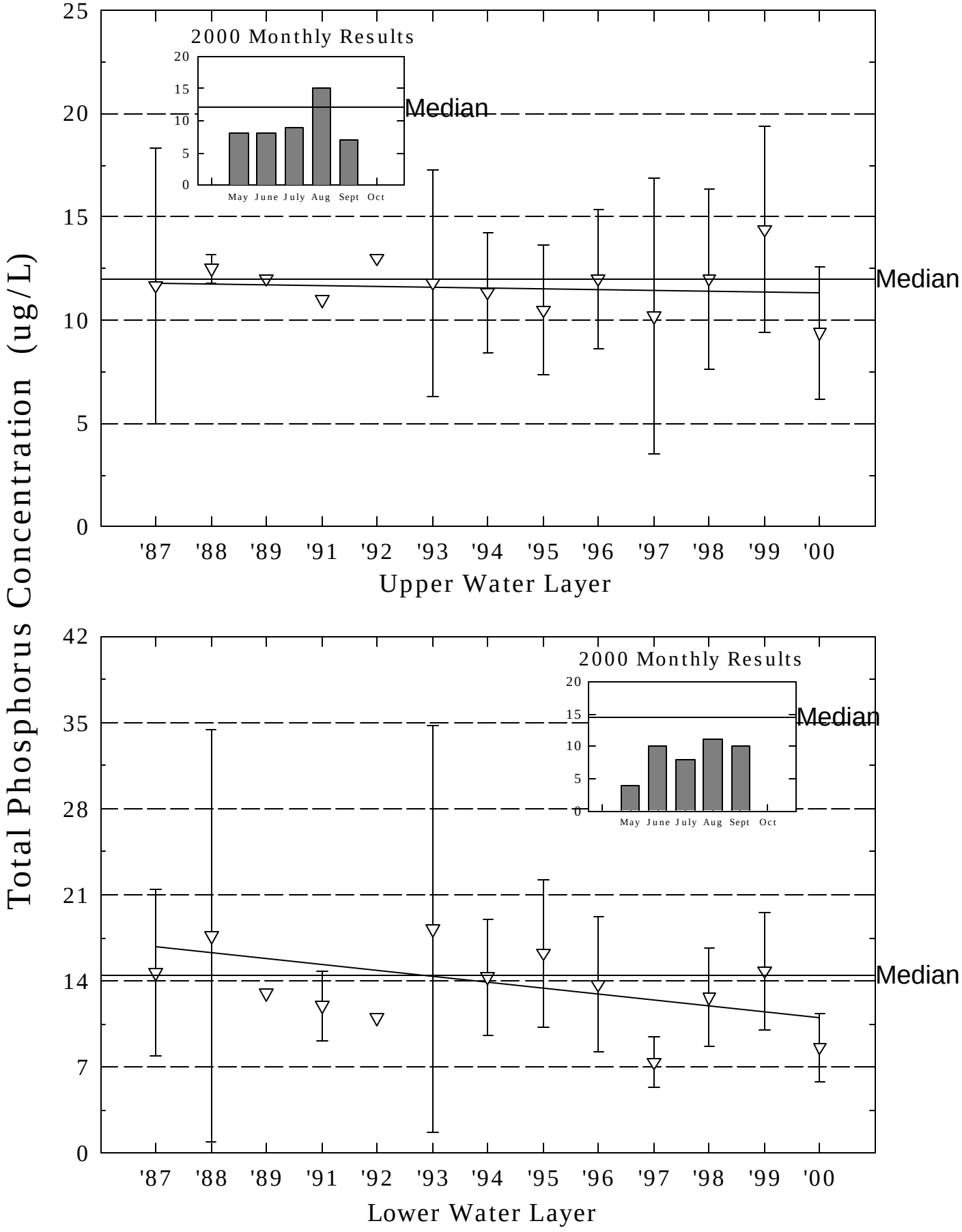


Table 1.

TODD LAKE

NEWBURY

Chlorophyll-a results (mg/m^3) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1987	4.76	6.22	5.49
1988	2.72	6.93	4.82
1989	3.82	3.82	3.82
1990	3.28	3.28	3.28
1991	3.40	4.74	4.07
1992	3.84	3.84	3.84
1993	2.18	11.26	4.84
1994	1.26	6.40	3.59
1995	2.72	8.23	5.46
1996	4.98	9.67	6.41
1997	2.49	12.55	5.07
1998	2.94	6.64	4.25
1999	2.34	7.77	4.28
2000	3.06	5.33	4.50

Table 2.

TODD LAKE

NEWBURY

Phytoplankton species and relative percent abundance.

Summary for current and historical sampling seasons.

Date of Sample	Species Observed	Relative % Abundance
06 / 26 / 1987	DINOBRYON	95
06 / 28 / 1988	DINOBRYON	32
	CHRYSOSPHAERELLA	31
07 / 17 / 1991	CHRYSOSPHAERELLA	68
08 / 11 / 1992	CHRYSOSPHAERELLA	50
	ASTERIONELLA	25
	DINOBRYON	21
07 / 21 / 1994	CHRYSOSPHAERELLA	66
	RHIZOSOLENIA	33
07 / 25 / 1995	DINOBRYON	58
	CHRYSOSPHAERELLA	34
	UROGLENOPSIS	2
07 / 24 / 1996	RHIZOSOLENIA	82
	MELOSIRA	5
	DINOBRYON	3
07 / 22 / 1997	OSCILLATORIA	56
	MELOSIRA	22
	DINOBRYON	11
07 / 22 / 1998	ASTERIONELLA	68
	TABELLARIA	8
	DINOBRYON	6
07 / 27 / 1999	DINOBRYON	49
	COELOSPHAERIUM	16
	CHRYSOSPHAERELLA	7
07 / 26 / 2000	CHRYSOSPHAERELLA	59
	ASTERIONELLA	23
	RHIZOSOLENIA	11

Table 3.

TODD LAKE

NEWBURY

Summary of current and historical Secchi Disk transparency results (in meters).

Year	Minimum	Maximum	Mean
1987	2.3	3.5	2.8
1988	3.5	4.0	3.7
1989	2.5	2.5	2.5
1990	1.5	1.5	1.5
1991	3.0	3.0	3.0
1992	3.5	3.5	3.5
1993	2.0	3.0	2.6
1994	2.1	3.5	2.8
1995	2.7	4.7	3.5
1996	2.4	3.6	2.9
1997	3.0	4.1	3.5
1998	2.7	4.0	3.4
1999	2.7	4.0	3.6
2000	2.8	3.4	3.1

Table 4.

TODD LAKE

NEWBURY

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
ANDREW BROOK				
	1987	6.68	6.98	6.80
	1988	6.97	7.13	7.06
	1989	6.98	6.98	6.98
	1990	6.24	6.24	6.24
	1991	6.80	6.80	6.80
	1992	7.15	7.15	7.15
	1993	6.60	7.00	6.79
	1994	6.99	7.12	7.03
	1995	6.89	7.18	7.07
	1996	6.64	7.09	6.84
	1997	6.68	7.00	6.81
	1998	6.65	7.01	6.85
	1999	6.46	7.26	6.73
	2000	6.67	6.93	6.77
BEALS BROOK (R.R.)				
	1988	6.24	6.33	6.28
BEALS BROOK				
	1988	6.78	7.00	6.88
	1993	6.65	7.00	6.86
	1994	6.83	7.18	6.96
	1995	7.02	7.47	7.18
	1996	6.73	7.24	6.91
	1997	6.64	7.06	6.83
	1998	6.51	6.99	6.67

Table 4.

TODD LAKE

NEWBURY

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
BEALS BROOK				
	1999	6.39	7.33	6.83
	2000	6.53	6.98	6.74
EPILIMNION				
	1987	6.35	6.94	6.59
	1988	6.82	6.83	6.82
	1989	6.87	6.87	6.87
	1990	6.45	6.45	6.45
	1991	6.90	7.06	6.97
	1992	7.13	7.13	7.13
	1993	6.50	6.95	6.71
	1994	6.62	7.02	6.79
	1995	6.87	6.99	6.91
	1996	6.67	7.02	6.82
	1997	6.55	6.82	6.69
	1998	6.72	6.96	6.81
	1999	6.09	7.09	6.57
	2000	6.22	6.82	6.54
HYPOLIMNION				
	1987	6.14	6.96	6.45
	1988	6.14	6.74	6.43
	1989	6.83	6.83	6.83
	1991	6.51	6.90	6.66
	1992	6.93	6.93	6.93
	1993	6.50	6.90	6.64

Table 4.

TODD LAKE

NEWBURY

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
	1994	5.97	7.01	6.34
	1995	6.16	6.91	6.42
	1996	6.07	6.97	6.33
	1997	6.08	6.99	6.38
	1998	5.94	6.76	6.19
	1999	6.11	6.67	6.33
	2000	6.22	6.86	6.49
METALIMNION				
	1993	6.45	6.90	6.67
	1994	6.30	6.83	6.53
	1995	6.65	7.02	6.86
	1996	6.04	6.93	6.46
	1997	6.54	6.83	6.71
	1998	6.22	6.82	6.54
	1999	6.12	7.03	6.53
	2000	6.48	6.71	6.59
MONROE INLET				
	1987	7.02	7.02	7.02
OUTLET				
	1987	6.29	6.89	6.49
	1988	6.78	6.91	6.83
	1989	6.85	6.85	6.85
	1990	6.27	6.27	6.27
	1991	6.90	6.90	6.90
	1992	7.00	7.00	7.00

Table 4.

TODD LAKE

NEWBURY

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
OUTLET				
	1993	6.63	6.83	6.71
	1994	6.80	6.99	6.87
	1995	6.90	7.06	6.98
	1996	6.67	7.01	6.78
	1997	6.58	6.89	6.74
	1998	6.69	6.89	6.79
	1999	6.28	7.30	6.67
	2000	6.60	6.90	6.72
RESERVOIR BROOK				
	1987	6.43	6.76	6.60
	1988	6.79	6.92	6.85
	1989	6.80	6.80	6.80
	1990	6.74	6.74	6.74
	1991	6.90	6.90	6.90
	1992	6.71	6.71	6.71
	1993	6.30	6.88	6.48
	1994	6.48	6.82	6.67
	1995	6.75	7.11	6.84
	1996	6.41	6.82	6.68
	1997	6.48	6.87	6.67
	1998	6.69	6.93	6.79
	1999	6.55	6.94	6.69
	2000	6.62	6.98	6.74

Table 4.

TODD LAKE

NEWBURY

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
SUNAPEE INLET #1				
	1988	6.94	6.94	6.94
SUNAPEE INLET #2				
	1988	6.96	6.96	6.96
SWEET INLET #2				
	1988	6.43	6.43	6.43

Table 5.

TODD LAKE

NEWBURY

Summary of current and historical Acid Neutralizing Capacity.
Values expressed in mg/L as CaCO .

Epilimnetic Values

Year	Minimum	Maximum	Mean
1987	5.80	5.80	5.80
1988	5.60	6.80	6.20
1989	5.50	5.50	5.50
1990	3.00	3.00	3.00
1991	6.60	6.70	6.65
1992	7.30	7.30	7.30
1993	3.90	8.30	5.65
1994	5.00	8.80	7.20
1995	6.40	7.10	6.90
1996	4.00	7.50	5.86
1997	4.10	6.80	5.93
1998	4.80	8.70	7.25
1999	4.20	6.70	5.24
2000	4.30	16.70	7.42

Table 6.

TODD LAKE
NEWBURY

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
ANDREW BROOK				
	1987	44.7	75.9	60.3
	1988	58.5	76.1	69.1
	1989	31.0	31.0	31.0
	1990	38.1	38.1	38.1
	1991	70.0	70.0	70.0
	1992	71.9	71.9	71.9
	1993	56.2	107.1	75.2
	1994	53.3	79.8	68.7
	1995	77.0	90.4	83.9
	1996	48.9	88.7	63.9
	1997	50.8	91.6	72.3
	1998	41.2	87.4	70.1
	1999	56.2	113.6	87.5
	2000	51.3	71.5	63.0
BEALS BROOK (R.R.)				
	1988	39.5	45.1	42.3
BEALS BROOK				
	1988	39.0	46.0	42.5
	1993	41.8	57.3	47.6
	1994	25.1	43.1	35.1
	1995	39.3	63.7	49.2
	1996	34.0	50.1	40.9
	1997	27.5	47.8	37.0
	1998	30.3	54.8	39.6

Table 6.

TODD LAKE

NEWBURY

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
	1999	34.3	60.7	49.3
	2000	31.9	50.8	40.7
EPILIMNION				
	1987	39.4	42.5	40.5
	1988	41.1	49.9	45.5
	1989	40.9	40.9	40.9
	1990	32.9	32.9	32.9
	1991	45.1	45.1	45.1
	1992	48.8	48.8	48.8
	1993	47.8	56.0	51.6
	1994	41.0	46.8	44.7
	1995	52.2	57.3	54.4
	1996	34.3	46.3	40.6
	1997	43.3	57.8	51.2
	1998	39.2	54.0	46.8
	1999	48.9	63.1	56.7
	2000	46.1	50.6	47.7
HYPOLIMNION				
	1987	32.4	42.7	38.5
	1988	41.1	49.1	46.1
	1989	41.1	41.1	41.1
	1991	46.0	46.8	46.4
	1992	49.6	49.6	49.6
	1993	48.0	56.4	52.4
	1994	39.4	46.7	44.2

Table 6.

TODD LAKE

NEWBURY

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
	1995	51.4	57.3	54.4
	1996	35.1	46.5	41.0
	1997	24.3	57.7	46.3
	1998	32.0	54.5	43.0
	1999	50.1	62.8	56.1
	2000	46.2	50.3	47.8
METALIMNION				
	1993	47.4	56.4	51.6
	1994	41.0	46.7	44.7
	1995	52.1	57.1	54.3
	1996	34.3	46.6	40.5
	1997	24.4	57.9	46.0
	1998	34.0	53.6	45.5
	1999	49.1	63.1	56.2
	2000	46.0	50.4	47.8
MONROE INLET				
	1987	66.5	66.5	66.5
OUTLET				
	1987	40.1	42.1	40.9
	1988	42.1	49.7	45.3
	1989	41.2	41.2	41.2
	1990	35.5	35.5	35.5
	1991	47.0	47.0	47.0
	1992	50.4	50.4	50.4
	1993	48.7	55.7	52.6

Table 6.

TODD LAKE

NEWBURY

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
	1994	42.1	49.3	45.7
	1995	51.3	57.7	54.6
	1996	35.2	45.6	41.2
	1997	44.6	56.8	51.3
	1998	39.7	52.8	47.3
	1999	49.3	63.9	57.2
	2000	45.9	49.7	47.8
RESERVOIR BROOK				
	1987	24.6	29.8	27.9
	1988	26.2	29.7	28.0
	1989	60.1	60.1	60.1
	1990	26.2	26.2	26.2
	1991	32.5	32.5	32.5
	1992	48.6	48.6	48.6
	1993	24.4	35.8	31.0
	1994	29.3	30.9	30.1
	1995	32.1	35.6	33.5
	1996	26.4	32.7	29.5
	1997	26.5	30.1	27.8
	1998	29.5	38.1	33.5
	1999	30.8	36.8	33.9
	2000	29.8	33.1	31.2
SUNAPEE INLET #1				
	1988	94.6	94.6	94.6

Table 6.

TODD LAKE

NEWBURY

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
SUNAPEE INLET #2				
	1988	77.9	77.9	77.9
SWEET INLET #2				
	1988	25.3	25.3	25.3

Table 8.

TODD LAKE

NEWBURY

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
ANDREW BROOK				
	1987	1	22	11
	1988	10	22	16
	1989	17	17	17
	1990	24	24	24
	1991	14	14	14
	1992	17	17	17
	1993	10	32	17
	1994	13	29	19
	1995	12	20	16
	1996	8	20	13
	1997	2	14	8
	1998	8	29	17
	1999	10	33	18
	2000	1	21	11
BEALS BROOK (R.R.)				
	1988	34	117	75
BEALS BROOK				
	1988	11	15	13
	1993	28	72	43
	1994	32	130	71
	1995	34	79	51
	1996	24	36	29
	1997	18	37	27
	1998	30	51	36

Table 8.

TODD LAKE

NEWBURY

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
	1999	26	45	34
	2000	6	33	23
EPILIMNION				
	1987	4	16	11
	1988	12	13	12
	1989	12	12	12
	1991	11	11	11
	1992	13	13	13
	1993	4	19	11
	1994	8	13	11
	1995	6	13	10
	1996	8	16	12
	1997	6	22	10
	1998	7	15	12
	1999	7	19	14
	2000	7	15	9
HYPOLIMNION				
	1987	7	20	14
	1988	8	37	18
	1989	13	13	13
	1991	10	14	12
	1992	11	11	11
	1993	2	46	18
	1994	9	18	14
	1995	11	24	16

Table 8.

TODD LAKE

NEWBURY

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
	1996	9	21	14
	1997	6	11	7
	1998	9	17	13
	1999	10	22	14
	2000	4	11	8
METALIMNION				
	1993	1	19	12
	1994	8	24	15
	1995	10	26	14
	1996	7	16	11
	1997	6	14	10
	1998	8	17	12
	1999	9	16	11
	2000	1	12	8
MONROE INLET				
	1987	21	21	21
OUTLET				
	1987	8	10	9
	1988	9	14	11
	1989	9	9	9
	1990	20	20	20
	1991	6	6	6
	1992	10	10	10
	1993	9	12	10
	1994	7	13	10

Table 8.

TODD LAKE

NEWBURY

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
	1995	8	11	9
	1996	6	19	11
	1997	3	18	9
	1998	6	12	9
	1999	6	14	10
	2000	5	9	7
RESERVOIR BROOK				
	1987	14	18	16
	1988	12	15	13
	1989	16	16	16
	1990	14	14	14
	1991	16	16	16
	1992	12	12	12
	1993	16	85	55
	1994	13	24	20
	1995	14	41	23
	1996	11	17	14
	1997	9	22	16
	1998	11	22	17
	1999	7	48	21
	2000	3	15	11
SUNAPEE INLET #1				
	1988	3	3	3

Table 8.

TODD LAKE

NEWBURY

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
SUNAPEE INLET #2				
	1988	< 1	1	1
SWEET INLET #2				
	1988	20	20	20

Table 9.

TODD LAKE

NEWBURY

Current year dissolved oxygen and temperature data.

Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
		July 27, 2000	
0.1	21.5	7.6	86.2
1.0	21.5	7.5	84.9
2.0	21.5	7.6	85.6
3.0	19.6	6.7	72.9
4.0	16.8	3.3	34.2
5.0	13.8	0.9	8.5

Table 10.

TODD LAKE

NEWBURY

Historic Hypolimnetic dissolved oxygen and temperature data.

Date	Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
June 26, 1987	6.0	12.5	0.3	3.0
June 28, 1988	5.0	14.5	2.9	28.0
July 17, 1991	6.0	11.5	1.8	16.5
August 11, 1992	4.5	21.2	0.7	7.9
July 21, 1994	6.0	11.8	0.4	4.0
July 25, 1995	5.0	16.2	0.2	2.0
July 24, 1996	5.5	12.4	0.3	2.0
July 22, 1997	5.5	14.8	0.4	4.0
July 22, 1998	5.5	14.1	0.3	3.0
July 27, 1999	5.0	17.9	0.9	9.2
July 27, 2000	5.0	13.8	0.9	8.5

Table 11.

TODD LAKE

NEWBURY

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
ANDREW BROOK				
	1993	1.2	2.3	1.7
	1994	1.0	1.3	1.1
	1995	1.2	2.0	1.6
	1996	1.0	1.7	1.1
	1997	0.6	1.4	1.1
	1998	0.9	1.8	1.3
	1999	0.5	3.9	1.4
	2000	0.4	1.6	1.0
BEALS BROOK				
	1993	1.2	3.2	1.8
	1994	0.8	1.4	1.1
	1995	1.0	1.7	1.3
	1996	0.7	2.0	1.3
	1997	1.0	1.7	1.3
	1998	1.0	2.1	1.3
	1999	1.3	2.6	1.8
	2000	1.0	2.0	1.4
EPILIMNION				
	1993	1.1	1.9	1.3
	1994	0.9	1.7	1.3
	1995	0.9	1.5	1.1
	1996	0.8	1.6	1.1
	1997	0.6	1.3	0.8
	1998	0.5	1.2	0.9

Table 11.

TODD LAKE

NEWBURY

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1999	0.5	1.3	0.8
	2000	0.4	1.4	0.8
HYPOLIMNION				
	1993	1.0	9.8	3.0
	1994	1.3	1.3	1.3
	1995	1.0	3.8	2.2
	1996	1.1	4.5	2.3
	1997	0.6	2.2	1.0
	1998	1.1	2.5	1.5
	1999	0.6	2.4	1.3
	2000	0.6	1.9	1.1
METALIMNION				
	1993	1.0	1.7	1.2
	1994	0.9	1.2	1.0
	1995	0.8	1.7	1.2
	1996	0.9	2.2	1.3
	1997	0.6	1.6	1.0
	1998	0.8	1.3	0.9
	1999	0.5	1.2	0.9
	2000	0.6	1.0	0.7
OUTLET				
	1993	1.0	1.1	1.0
	1994	0.8	1.0	0.9
	1995	0.8	1.1	0.9
	1996	0.7	2.0	1.1
	1997	0.5	1.7	0.9

Table 11.

TODD LAKE

NEWBURY

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1998	0.5	1.1	0.8
	1999	0.6	1.0	0.8
	2000	0.4	1.0	0.7
RESERVOIR BROOK				
	1993	0.6	1.9	1.0
	1994	0.7	1.0	0.8
	1995	0.3	2.0	0.9
	1996	0.3	1.4	0.6
	1997	0.2	1.2	0.7
	1998	0.2	1.3	0.6
	1999	0.2	1.1	0.7
	2000	0.3	1.0	0.6